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tary Academy, and "Elementary Course in Theory of Equations," by C. H. Chapman, Johns Hopkins University.

— A. Lovell & Co., New York, have begun the publication of a series of American History Leaflets, to be issued bi-monthly. The first contains Columbus' letter to Luis de Sant Angel, announcing his discovery.

— Houghton, Mifflin, & Co. have just published the third volume of Sargent's important work on the Silva of North America. It will include Anacardiaceæ-Leguminosæ, and, like the previous volumes, will contain fifty plates drawn and engraved with the utmost skill.

— Charles H. Sergel & Co. announce a series of histories of the Spanish-American Republics. The first volume, which will be issued in February, will be "Peru," by Clements R. Markham. It will be followed in a short time by "Brazil," by William E. Curtis. "Argentine," by the Author of "An Earnest Trifler," and other volumes will be issued at intervals of two or three months.

— Longmans, Green, & Co. have published a small atlas prepared by Professor A. B. Hart of Harvard University and entitled "Epoch Maps Illustrating American History." It is primarily designed as a companion to the series on "Epochs of American History" published by the same house, of which Professor Hart

is the editor. The author says that it is "an attempt to make maps from the records — from the texts of grants, charters, and governors' instructions, and from statutes, British, colonial, state, and national." It opens with a map showing the physical features of the United States, followed by several illustrating the early discoveries and settlements, and others showing the growth of the national territory, the settlement of disputed boundaries, the growth and abolition of slavery, the civil war, and various other phases of our national history. There are, however, no maps of particular regions of special historical importance, such as New Jersey in the Revolution and Virginia in the civil war — an omission that is to be regretted. But the maps that are given are excellent, and as history without maps is almost unintelligible, they will be useful to historical students.

J. B. Lippincott Company have just published a second edition of Goubaux and Barrier's "The Exterior of the Horse," translated by Dr. Simon J. J. Harger of the University of Pennsylvania. This edition has been in preparation for three years, involving many alterations, which in most cases amounted to almost a transformation of the old text into entirely new matter. A new plate upon the age, by G. Nicolet, and fifty-three original figures have been added, making the total 346 figures and 34 plates.

— Benjamin Sharp, Ph.D., will tell in the February *Scribner* some results of his Greenland explorations last summer. He describes what Sir John Ross, who discovered them in 1813, called

CALENDAR OF SOCIETIES.

Philosophical Society, Washington.

Jan. 16. — W. J. McGee, The Gulf of Mexico as a Measure of Isostasy.

Society of Natural History, Boston.

Jan. 20. — Charles V. Riley, Life History of *Sphecius Speciosus*, Drury; Notes on Caprifigation; S. H. Scudder, The Tertiary Weevils of North America.

Chemical Society, Washington.

Jan. 14. — Officers were elected: President, Dr. T. M. Chatard; vice-presidents, Dr. F. P. Dewey and Mr. W. H. Krug; treasurer, Dr. E. A. von Schweinitz; secretary, Dr. A. C. Peale. The following were elected additional members of the executive committee: Professor F. W. Clarke, Professor H. W. Wiley, Mr. Cabell Whitehead, and Professor R. B. Warder. The following papers were read: H. W. Wiley and K. P. McElroy, Midzu-Ame; W. F. Hillebrand, Zinc-Bearing Spring Waters from Missouri.

Appalachian Mountain Club, Boston.

Jan. 13. — Herbert Dyer, Camping in the Highest Sierras.

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WANTED.—*Science*, No. 178, July 2, 1886, also Index and Title-page to Vol. VII. Address N. D. C. Hodges, 874 Broadway, New York.

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— A translation of the new book by the famous Egyptologist, G. Maspéro, entitled "Life in Ancient Egypt and Assyria," is to be published immediately by D. Appleton & Co. In this work the author does not present a dry history of dynasties, but he gives a picture of actual life in its various phases among the two most civilized nations which flourished before the Greeks. Life in the city streets, in the huts of the poor and the palaces, marriage ceremonies, funeral and religious rites, hunting scenes, and bat-

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— It has been known for some time past that M. Ernest Renan was engaged in writing a volume of reminiscences. The book is now finished, and by arrangement with the author will soon be published by the Cassell Publishing Company under the title "Recollections, Letters, and Addresses." The translation has been done by Miss Isabel F. Hapgood.

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